

SENIOR WATER RESOURCES ENGINEER

DISTINGUISHING FEATURES

The fundamental reason the Senior Water Resources Engineer position exists is to handle complex engineering issues for the Water Resources Department and act as a liaison with communication responsibilities with other city departments, the City Council, other government agencies and the general public. This position has may or may not supervise Water Resource Engineers and/or Engineers-in-Training. This position reports directly to the General Manager, Water Resources.

ESSENTIAL FUNCTIONS

Reads, comprehends and interprets complex hydrological, geological and/or engineering reports and surveys.

Evaluates and advises on legislation and administrative rules and regulations.

Maintains and utilizes knowledge of federal, state and local laws and regulations relating to water resources and water quality, which may include groundwater recharge and recovery.

Provides technical assistance to support policy formulation in all aspects of the City's water rights, water use and water supply.

Coordinates the review of public/private sector water/sewer systems.

Prepares reports that analyze and recommend improvements in the operation of the water, wastewater and reclaimed facilities.

Designs large improvement projects for existing infrastructure for construction by city crews and/or bidding to private contractors.

Participates in the planning and implementation of the City's more complex water treatment/distribution/collection systems.

May provide specialized expertise for the City's position in litigation, administrative proceedings or negotiations.

Prepares annual reports, technical reports and analysis, as requested.

May have responsibility for performance reviews, hiring, training, safety procedures and policies, and disciplinary actions for assigned staff.

Attendance and punctuality are essential functions of this position.

MINIMUM QUALIFICATIONS

Knowledge, Skills and Abilities

Knowledge of:

Principles, practices, analysis and regulations of civil engineering as applied to municipal facilities in the specific areas of water and wastewater project design, review and field engineering.

Design and operation of water and wastewater treatment plants and technical knowledge of computers and civil engineering related computer programs.

Ability to:

Coordinate and interact as a technical liaison with other City departments.

Produce written documents with clearly organized thoughts using proper grammar.

Enter data or information into a terminal, PC or other keyboard device.

Provide technical input to a graphic information system.

Operate a variety of equipment to enter data or information into a computer terminal, PC or other keyboard device requiring continuous and repetitive arm, hand and eye movement.

Establish and maintain effective working relationships with water and sewer users, other professionals and government jurisdictions, co-workers, and the general public.

Communicate effectively both verbally and in writing.

Observe, review and check the work of staff members to ensure conformance to standards.

Education & Experience:

A Bachelor's degree in Civil Engineering, hydrology, geology, water resources or a closely related field and seven (7) to ten (10) years professional level experience in engineering and project management is required.

Registration as a Professional Engineer in the State of Arizona is required.

Some supervisory experience is helpful.

A valid Driver's License with no outstanding citations for 39 months is required for all driving positions.

FLSA STATUS: Exempt

HR Ordinance Status: Unclassified